

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A compressor, comprising:
a compression mechanism configured to compress (20), in which a discharge port (29) is formed, for compressing fluid, the compression mechanism including a discharge port;
a reed valve (41); and
a valve retainer (42) for the reed valve (41); coupling the reed valve (41) and the valve retainer (42) being provided at the discharge port (29),
wherein at least part of the valve retainer (42) is being composed of a shape varying member (50) that varies in shape by in response to an external input force so as to change an opening/closing state of the reed valve (41).
2. (Currently Amended) The compressor of ~~Claim~~ claim 1, wherein
the valve retainer (42) includes a valve fixing part (42a) for fixing a fixed part (41a) of the reed valve (41) and a curved guiding part (42b) for restricting a valve part (41b) of the reed valve (41) to a lift amount, and
at least part of the guiding part (42b) is composed of the shape varying member (50) so as to change the lift amount of the valve part (41b) of the reed valve (41).
3. (Currently Amended) The compressor of ~~Claim~~ claim 2, wherein
the shape varying member (50) of the guiding part (42b) changes in a warp amount so as to change the a curve.

4. (Currently Amended) The compressor of ~~Claim~~ claim 1, wherein
the valve retainer (42) includes a valve fixing part (42a) for fixing a fixed part (41a)
of the reed valve (41) and a curved guiding part (42b) for restricting a valve part (41b) of the
reed valve (41) to a lift amount, and
at least part of the valve fixing part (42a) ~~is composed of~~ forms the shape varying
member (50) so as to change a rigidity of the reed valve (41).

5. (Currently Amended) The compressor of ~~Claim~~ claim 4, wherein
the shape varying member (50) of the valve fixing part (42a) expands or contracts in
length so as to change a fixed length of the reed valve (41).

6. (Currently Amended) The compressor of ~~Claim~~ claim 1, wherein
the shape varying member (50) is formed of a polymer actuator.